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Title of diploma thesis: Biological therapy of pathological disorders

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Abstract

The aim of this thesis is to give a comprehensive overview of current options of biological therapy. Since this course of study is relatively new, biologics are described from common point of view including their manufacture.

The major part is dedicated to individual categories of biologics. How biologics are obtained, what is the mechanism of action and use of certain biologics in treating diseases.

Pathogenesis of diseases, in which biological therapy is currently used and an overview of the therapy of these diseases using biological therapy is described in the last section. I also mention some of the adverse effects of these biologics which have very frequent or frequent occurrence of adverse effects or of these which have a lot of adverse effects.